

# WAYNE A. ROWCLIFFE

615 W 4th St. Saint Ansgar, IA 50472

(641) 832-8396 • wrowclif@gmail.com • github: war1025

---

## ABOUT ME

I thrive on maintenance and refinement.

Once all the trailblazers have swept through and moved on for the latest and greatest greenfield project, that's where I hit my stride. Let's flesh this out, mature it, make it do what people actually want, fix all those glaring performance issues.

I'm a software gardener, groundskeeper.

I've spent the past decade working with a bare bones team to build software that keeps our customers happy and keeps us in business.

---

## SKILLS

- System architecture and design.
- Feature development and refinement.
- Troubleshooting customer issues.
- Performance optimization.
- Integrating third party data.
- Pragmatic problem solving.
- Addressing workflow bottlenecks and painpoints.

---

## TECHNICAL

- Primary Languages: Python · SQL (PostgreSQL) · C++ · Typescript · SASS / CSS
- UI Frameworks: PyQt · Angular
- Version Control: Git with Pull Requests
- Development methods: Kanban · Agile (Sprints / Retrospectives) · Continuous Integration (Jenkins)
- Deployment: Docker · Kubernetes · AWS

---

## WORK HISTORY

### **Priority 5** (2012–Present)

#### ***Software Engineer***

- Situational awareness software for government agencies.
- Client / Server application for geospatial event planning, triage, and response
- Critical Infrastructure simulation system

---

## INTERESTING WORK PROJECTS

- Created a query language for building information dashboards from system data.
- Built a system to relay updates from a REST server to a web app via Websockets.
- Designed and built a tool for finding hidden patterns in user data.
- Implemented a REST caching layer to improve query performance.
- Built a client library for pulling in ArcGIS feature data.

---

## EDUCATION

**Iowa State University** Ames, IA, U.S.A. • Bachelor of Science: Software Engineering, 2011

Cumulative GPA: 3.98/4.00

---

## HONORS AND AWARDS

- Graduated Summa Cum Laude / Top 2% of the Engineering College